15) (Twice Amended) A suppository enema for treating bacterial infections of the digestive tract, wherein said suppository enema is produced by the method of:

a) obtaining an effective amount of at least one specific lytic enzyme genetically coded for by a bacteriophage specific for a specific bacteria that causes said bacterial infections of said digestive tract, said specific lytic enzyme having the ability to digest a cell wall of said specific bacteria, said specific bacteria being selected from the group consisting of *Listeria, Salmonella, E. coli,* and *Campylobacter*;

b) mixing said at least one said specific lytic enzyme produced in step (a) with a carrier for delivering said at least one said specific lytic enzyme to said digestive tract.

27. (Amended) A suppository enema for treating bacterial infections of the digestive tract, said suppository enema comprising:

a) an effective amount of at least one specific lytic enzyme genetically coded for by a bacteriophage specific for a specific bacteria selected from the group consisting of *Listeria, Salmonella, E. coli,* and *Campylobacter*; wherein said at least one said specific lytic enzyme is specific for and has the ability to digest a cell wall of one of said specific bacteria, said specific lytic enzyme being genetically coded for by the same said bacteriophage capable of infecting said specific bacteria being digested; and

b) a carrier capable for delivering said at least one said specific lytic enzyme to said digestive tract.

Please add the following new claim:

39 ~~38~~) A method for the prophylactic and therapeutic treatment of bacterial infections of an upper respiratory tract, comprising administering a composition comprising an effective amount of at least one lytic enzyme genetically coded for by a bacteriophage specific for a specific bacteria, wherein said at least one said lytic enzyme is specific for and has the ability to digest a cell wall of said bacteria, and wherein a genetic code for said at least one said lytic enzyme is genetically altered, such that said at least one said lytic enzyme is selected from the group consisting of shuffled lytic enzymes, chimeric lytic enzymes, and combinations thereof.